## Day One

Paul D. Thaver Executive Officer, California State Lands Commission

Stein Foss President, OceanSaver AS Platinum Sponsor

David E. Wright

Pipeline Safety Moderator: Chandra Basavalinganadoddi, P.E., California State Lands Commis.

Critical Risk Assessment

Kathye Griffis, THUMS Long Beach Company

Best Safety Practices in Onshore Pipeline Construction

Orval Williams, Willbros

OCS Pipeline Integrity Platform Irene Oil Platform Case Study

Theresa P. Bell, U.S. Dept. of the Interior-Bureau of Ocean Energy Management, Regulation, and Enforcement

Environmental Protection

Moderator: Mark Le Clair, California State Lands Commission

Eliminating Spills with Advanced Technology

Lee Sherwood, Frontline Environmental Technologies Group, Inc.

Environmental Protection and Development of Spill Prevention Technologies

William A. Morris, Aera Energy LLC

Boosting Oil Boom Performance through Bubble Enhancement

Ira Leifer, Ph.D., University of California, Santa Barbara

Alternative Energy Concepts and Greenhouse Gas Emissions

Moderator: Madhu Ahuja, P.E., California State Lands Commission

Wave Energy Projects

William Toman, CH2M Hill

Wind Energy Projects

Gregory Miller, California Bureau of Land Management

Offshore Alternative Energy Projects-Permitting and Environmental Issues

Simon A. Poulter, Padre Associates, Inc.

Greenhouse Gas Emissions

Lynn McGuire, P.E., ERM

Vice President, Plains All American Pipeline, LP Platinum Sponsor

Gary L. Gregory

Chief, Marine Facilities Division, California State Lands Commission

10:30 - 11:00 11:00 - 12:00

GENERAL SESSION, continued

Tribal Leadership Dave Logan, CultureSync

12:00 - 1:30 **BUFFET LUNCH** 1:30 - 3:00 AFTERNOON BREAKOUT SESSIONS

> Marine Terminal Risk and Safety Moderator: Kevin Mercier, California State Lands Commission

Process Safety Management and Sustainable Control of Human Factors William Bridges and Ginette M. Collazo, Ph.D., Process Improvement Institute, Inc.

Shiftwork Design & Safety

George Brogmus, Liberty Mutual Insurance Group

3:00 - 3:30

3:30 - 4:30 AFTERNOON BREAKOUT SESSIONS, continued California's Marine Invasive Species Program

Moderator: Maurya B. Falkner, California State Lands Commission California's Marine Invasive Species Program Overview and Current Activities Lynn Takata, Ĉalifornia State Lands Commission

Implementing California's Performance Standards for the Discharge of Ballast Water Nicole Dobroski, California State Lands Comm

Developing a Shipboard Ballast Treatment Test Facility-T.S. Golden Bear Kevin Reynolds, P.E., Glosten Associates

4:30 - 6:30 **EVENING RECEPTION** 

**CONTINENTAL BREAKFAST** 7:30 - 8:30 MORNING BREAKOUT SESSIONS 8:30 - 10:00

Vessel Fouling as a Vector of Invasive Species I Moderator: Maurya B. Falkner, California State Lands Commission

Vector Analysis and the Role of Hull Fouling in California's Invasion History Greg Ruiz, Ph.D., Smithsonian Environmental Research Center

Commercial Vessel Biofouling and Species Transfers on the U.S. Pacific Coast Ian Davidson, Ph.D., Aquatic Bioinvasions Research and Policy Institute Portland State University

An Overview of the Hull Husbandry Practices and Fouling-Related Voyage Characteristics of California's Commercial Fleet

Chris Scianni, California State Lands Commission

10:00 - 10:30

10:30 - 11:30 MORNING BREAKOUT SESSIONS, continued

Vessel Fouling as a Vector of Invasive Species II Moderator: Gail Ashton, Ph.D., Smithsonian Environmental Research Center

Fouling of Ship Hulls and Its Impact on Ship Performance (Speed and Fuel Consumption) and Greenhouse Gas Emission

Daniel Kane, Propulsion Dynamics Inc.

Understanding the Antifouling Coating Options Available to Ship Owners John Kelly, Ph.D., International Paint LLC

Marine Oil and LNG Terminal Engineering Standards and New Terminals

Moderator: Martin L. Eskijian, P.E., California State Lands Commission

Steve Edinger

Administrator, Office of Spill Prevention and Response (OSPR) California Department of Fish and Game

MOTEMS Update and Implementation Martin L. Eskijian, P.E., *California State Lands Commission* 

Liquefied Natural Gas Engineering and Maintenance Standards (LNGTEMS) Gavle Johnson, P.E., Halcrow

A New Marine Oil Terminal: Pier 400, Berth 408 Ron Heffron, P.E., Moffatt & Nichol

New Structural Analyses Methodologies for Piers/Wharves Moderator: William Bruin, P.E., Halcron

Simplified Procedures for Seismic Analysis and Design of Piers and Wharves Rakesh Goel, Ph.D., P.E., California State Polytechnic University, San Luis Obispo

Nonlinear Analyses and Implementation

Marc Percher, P.E., Halcrow and Alex Augustin, California State Lands Commission

Managing Response

Moderator: Scott Schaefer, California Department of Fish and Game, OSPR 3A

Local Government Janell R. Myhre, Marin County Office of Emergency Services Dubai Star

LT Rob Roberts, California Department of Fish and Game, OSPR Volunteers

Cindy Murphy, California Department of Fish and Game, OSPR

Deepwater Horizon Scott Schaefer, California Department of Fish and Game, OSPR

Grants Cindy Murphy, California Department of Fish and Game, OSPR

Integrating Emergent Communication Technologies Moderator: Alexia Retallack, California Department of Fish and Game, OSPR Public Information

Carol Singleton, California Department of Fish and Game, OSPR

Social Networking
Ingrid Martin, Ph.D., California State University, Long Beach
Blogging
Michael Ziccardi, DVM, MPVM, Ph.D., University of California, Davis, Wildlife Health Center OWCN RSS Feeds

LT Anastacia Thorsson, United States Coast Guard (USCG)

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New Analyses Methodologies for Piers/Wharves Moderator: Omar Jararat, Ph.D., P.E., Moffatt & Nichol

MOTEMS Chapter 6 Revisions—Geotechnical Hazards & Foundations Arul Arulmoli, Ph.D., P.E., G.E., Earth Mechanics, Inc.

Advances in Passing Vessel Analyses John Flory, Tension Technology International

Passing Vessel Analyses for Complex Conditions Jo Pinkster, Ph.D., *Pinkster Marine Hydrodynamics* 

New Seismic Standards for Piers and Wharves and Offshore Wind Turbines (1)

Moderator: Ted Trenkwalder, S.E., Ben C. Gerwick

New ASCE Seismic Design Standards for Piers/Wharves Gayle Johnson, P.E., *Halcrow* 

Fully Coupled Dynamic Models of Offshore Wind Turbines

Kourosh Shoele, University of California, San Diego

Regulatory Program Updates
Moderator: Steve Sawyer, California Department of Fish and Game, OSPR

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Contingency Plan

Chris Klumpp, California Department of Fish and Game, OSPR

Bunkering and Lightering and Other Regulation Updates Joy Lavin-Jones, California Department of Fish and Game, OSPR

Drills and Exercise Program Update Barbara Foster, California Department of Fish and Game, OSPR

Steve Sawyer, California Department of Fish and Game, OSPR

NRDA

Moderator: Mike Anderson, Ph.D., California Department of Fish and Game, OSPR Cosco Busan

Steve Hampton, Ph.D., California Department of Fish and Game, OSPR

Dubai Star

Beckye Stanton, Ph.D., California Department of Fish and Game, OSPR

Coordination between NRDA & Response Greg Baker, National Oceanic and Atmospheric Administration (NOAA)

Decommissioning Offshore Oil Facilities Concepts Moderator: Greg Pelka, California State Lands Commission

Decommissioning of Platforms Feasibility Study Brock Bernstein, Ph.D.

Decommissioning of Platforms Disposal Options Robert Byrd, Proserv Offshore

> Subsea Pipeline Abandonment Ted Roche, Aqueos

11:30 - 1:00 **BUFFET LUNCH** 

1:00 - 3:00 AFTERNOON BREAKOUT SESSIONS Vessel Fouling as a Vector of Invasive Species III Moderator: Christopher Brown, Smithsonian Environmental Research Center

Addressing Biofouling Risks at the International Level: Challenges and Opportunities Naomi Parker, Ph.D., MAF Biosecurity New Zealand

Biofouling on Ships in Canadian Waters-Current Science and Policy Initiatives Chris Wiley, Transport Canada Ontario Region & Fisheries and Oceans Canada

Technology for the Assessment of Marine Fouling Growth on Ship Hulls Dana Lynn, Naval Surface Warfare Center, Carderock Division, Code 616

Federal Perspective on Biofouling Management Bryan Vogel, U.S. Maritime Administration

Learning from Recent Earthquakes & Tsunamis Moderator: Kendra Oliver, P.E., California State Lands Commission

Eureka Earthquake of January 9, 2010 and Recent Tsunamis Lori Dengler, Ph.D., *California State University, Humboldt* 

Haiti Earthquake of January 12, 2010 Alex Augustin, California State Lands Commission and William Bruin, P.E., Halcrow

Chile Earthquake & Tsunami of February 27, 2010 Omar Jararat, Ph.D., P.E., *Moffatt & Nichol*, Marc Percher, P.E., *Halcrow*, and Arul Arulmoli, Ph.D., P.E., G.E., *Earth Mechanics, Inc.* 

Tsunami Impacts to California—Chile Earthquake of February 27, 2010 David Dykstra, P.E., Moffatt & Nichol



Harbor Safety Committee Prevention Issues Moderator: Ted Mar, California Department of Fish and Game, OSPR

Shipboard Experiences with Low Sulfur Distillate Fuel CAPT Jeff Cowan, California Department of Fish and Game, OSPR

Shipping Patterns (LA/LB)
CAPT Dick McKenna, Marine Exchange of Southern California

Unintended Consequences of ARB Regulations CAPT John Strong, Jacobsen Pilot Service



Platform Safety Moderator: Craig Webster, California State Lands Commission

Offshore Facility Process Safety Systems Overview Steven T. Maher, P.E., CSP, Risk Management Professionals, Inc.

> Safer and Cleaner Crane Replacement Project George K. Ramsay, P.E., Venoco, Inc.

Mitigating Offshore Oil/Water Discharge Risks by Revamping Process Systems on Platform Holly Ted Frankiewicz, Spec Services, Inc.

Platform Safety Audit Program Mark Steinhilber, California State Lands Commission





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